## WHAT IS CLAIMED IS:

	1. A LVTSCR-like ESD protection structure, wherein the structure displays a two-stage
	snapback triggering characteristic.
5	2. A structure of claim 1, wherein the physical properties of the structure are designed to
	achieve a reduction in the carrier injection from the p+ emitter region.
	3. A structure of claim 2, wherein the locations of the p+ emitter and n+ drain regions of the
	structure are reversed.
	4. A structure of claim 2, wherein the emitter is located outside the drain region of the
10	structure so that at least part of the drain contact region lies between the gate and emitter region.
Subai	5. A structure of claim 4, wherein the n+ drain region is split into at least one first drain
24 W.	region located near the gate, and at least one second drain region.
•	6. A structure of claim 5, wherein the at least one first drain region comprises a floating n+
	region, and the at least one second irain region comprises a n+ contact region.
SUL 15	7. A structure of claim 4, wherein the structure includes multiple emitters outside at least
N. C.	part of the n+ drain region.
型 5 5 5 5 5 6 20 6	8. A method of reducing local heating in a LVTSCR-like structure, comprising
	splitting the n+ drain region into at least one first drain region located near the gate, and at least one second
u: Di	drain region, wherein at least part of the n+ drain region is formed between the p+ emitter and the gate of
ក្នា 20	the structure.
-1	9. A method of claim 8, wherein the at least one first drain region comprises a floating n+
	region, and the at least one second drain region comprises a n+ contact region.
	10. A method of claim 8, wherein the p+ emitter comprises a plurality of emitter regions.
19	11. A high holding voltage LVTSCR-like structure, comprising
C. 15.25	an emitter located so that at least part of the drain region is located between the gate and emitter region.
130 C	12. A structure of claim 11, wherein the n+ drain region is split into at least one first drain region
	located near the gate, and at least one second drain region.
	13. A structure of claim 12, wherein the at least one first drain region comprises a floating n+
	region, and the at least one second drain region comprises a n+ contact region.
39mb c4>	14. A structure of claim 11, wherein the emitter comprises a plurality of emitter regions.
3/mb cy>	15. A structure of claim 12, wherein the emitter comprises a plurality of emitter regions.
Subraul	16. A structure of claim 12 wherein the first and second drain regions are separated by a
04/	shallow trench isolation region.

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